

WHAT IS CLAIMED IS:

1. A hydraulic rocket, comprising:

a main body having a first end, a cylindrical mediate section and a tapered second end;

5 a warhead mounted on the first end of the main body;

a rear skirt mounted on the second end of the main body; and

a nozzle mounted on the second end of the main body and rested on the rear skirt to position the rear skirt on the second end of the main body.

2. The hydraulic rocket in accordance with claim 1, wherein the main
10 body is made of elastic plastic material.

3. The hydraulic rocket in accordance with claim 1, wherein the second end 42 of the main body 4 has a distal end formed with a threaded connector having a periphery formed with an annular resting flange, and the rear skirt has an inner wall formed with a plurality of reinforcement ribs rested
15 on the resting flange of the main body.

4. The hydraulic rocket in accordance with claim 3, wherein the nozzle has an inner wall formed with an inner thread screwed on the threaded connector of the main body, so that the nozzle is secured on the threaded connector of the main body.

20 5. The hydraulic rocket in accordance with claim 3, wherein each of the reinforcement ribs 64 of the rear skirt 6 has an arcuate tapered shape.

6. The hydraulic rocket in accordance with claim 5, wherein each of the tapered reinforcement ribs 64 of the rear skirt 6 has a maximum diameter greater than the diameter of the resting flange 431 of the main body 4 and has a minimum diameter smaller than the diameter of the resting flange 431 of the main body 4, so that each of the tapered reinforcement ribs 64 of the rear skirt 6 is closely rested on the resting flange 431 of the main body 4.

7. The hydraulic rocket in accordance with claim 1, wherein the first end of the main body is formed with a connecting portion having a periphery formed with an annular locking groove, and the warhead has an inner wall formed with an annular locking flange locked in the locking groove of the main body.

8. The hydraulic rocket in accordance with claim 7, wherein the connecting portion of the main body has a substantially semi-spherical shape.

9. The hydraulic rocket in accordance with claim 7, wherein the warhead is forced onto the connecting portion of the main body in a close fit manner.

10. The hydraulic rocket in accordance with claim 1, wherein the rear skirt is a hollow barrel.

11. The hydraulic rocket in accordance with claim 1, wherein the rear skirt has a tapered inner wall to mate with the tapered second end of the main body so that the rear skirt is closely rested on the second end of the main body.

12. The hydraulic rocket in accordance with claim 1, wherein the rear skirt has an outer wall integrally formed with a plurality of stabilizing fins.

13. The hydraulic rocket in accordance with claim 1, wherein the rear skirt has an outer wall having a diameter equal to that of the mediate section of
5 the main body.

14. The hydraulic rocket in accordance with claim 1, wherein the rear skirt has an outer wall having a diameter smaller than that of the mediate section of the main body.